TEST REPORT OF AGGEGRATE IMPACT VALUE
IS: 2386 Part IV

Lab ID	:	CP-2017-10-18-02	**Date: 20-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Drilling of Borecholes and providing pipeline in Ward no.02 Yelahanka Sub division.	
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.	
Customer Reference	:	BBMP/EE(YNK.D)/WO/100/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	18-10-17	
Sample ID No	:	2017-10-18-02/01	
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)	
Date of test	:	18-10-17	

Sl.No	Particulars of observations	Index	TEST 1	TEST 2
1	Total weight of the surface dry sample sample (passing 12.5 mm and retained on 10mm sieve)	A	293.2	293.2
2	Weight of fraction passing 2.36mm sieve After giving 15 blows	B	73.9	74.0
3	weight of fraction retained 2.36mm sieve After giving 15 blows	C	218.9	218.7
4	Total weight of (B+C) is less than the initial weight (Weight A) by more than one gram the result shall be discarded and a fresh test made.	A-(B+C)	0.4	0.5
5	Aggregate impact value	(B/A)*100	25.2	25.2
6	Aggregate impact value (Mean of two tests)	Pecentage	25.2	

Note:-
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
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Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig..... Date..... BANGALORE

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Yelahanka Sub Divison
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DETERMINATION OF FLAKINESS INDEX AND ELONGATION INDEX OF COARSE AGGREGATE(IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-2017-10-18-02** **Date: 20-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Drilling of Boreholes and providing pipeline in Ward no.02 Yelahanka Sub division.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/WO/100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-17
Sample ID No	:	2017-10-18-02/01
Type of Mix	:	Coarse Aggregate for WMM (Wet Mix Macadam)
Date of test	:	18-10-17

Result:

Index	Percentage of Flakiness and Elongation Index	Secified limits as per MORTH specification table 400-12
Flakiness Index	11.9%	Combined Flakiness & Elongation Index for WMM is Maximum 35%
Elongation Index	12.5%	
Combined Flakiness and Elongation Index for WMM	24.4%	

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-2017-10-18-02** **Date: 20-10-17**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Drilling of Borcholes and providing pipeline in Ward no.02 Yelahanka Sub division.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer Reference	:	BBMP/EE(YNK.D)/WO/100/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	18-10-17
Sample ID No	:	2017-10-18-02/01
Type of Mix	:	WMM (Wet Mix Macadam)
Date of test	:	18-10-17
Oven Dry Weight	:	11000 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	319	319	2.9	97.1	95-100
22.4	2252	2571	23.4	76.6	60-80
11.2	2168	4739	43.1	56.9	40-60
4.75	2265	7004	63.7	36.3	25-40
2.36	1635	8639	78.5	21.5	15-30
0.6	633	9272	84.3	15.7	8-22
0.075	1338	10610	96.5	3.5	0-5

Note:-

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Asst. Executive Engineer
Yelahanka Sub Divison
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